

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083749.D
 Acq On : 10 Sep 2024 12:43
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 11 01:58:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	153102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	44799	19.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.820%#		
35) Dibromofluoromethane	8.159	113	33344	20.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.060%#		
50) Toluene-d8	10.565	98	117482	20.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.840%#		
62) 4-Bromofluorobenzene	12.847	95	52334	22.046	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	44.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37820	21.271	ug/l	99
3) Chloromethane	2.359	50	42184	22.207	ug/l	95
4) Vinyl Chloride	2.512	62	42371	21.741	ug/l	93
5) Bromomethane	2.901	94	25120	22.449	ug/l	97
6) Chloroethane	3.071	64	29793	22.035	ug/l	92
7) Trichlorofluoromethane	3.471	101	75588	22.849	ug/l	98
8) Diethyl Ether	3.959	74	25651	23.131	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.353	101	41166	23.477	ug/l	98
10) Methyl Iodide	4.577	142	50200	22.511	ug/l	97
11) Tert butyl alcohol	5.542	59	35218	113.923	ug/l	98
12) 1,1-Dichloroethene	4.330	96	38356	23.162	ug/l	97
13) Acrolein	4.171	56	28707	94.116	ug/l	99
14) Allyl chloride	5.012	41	67821	22.985	ug/l	97
15) Acrylonitrile	5.718	53	96660	114.975	ug/l	100
16) Acetone	4.430	43	121335	131.110	ug/l	94
17) Carbon Disulfide	4.700	76	99836	21.553	ug/l	99
18) Methyl Acetate	5.018	43	45786	22.733	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	139123	23.217	ug/l	97
20) Methylene Chloride	5.265	84	43066	22.740	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	39218	22.099	ug/l	90
22) Diisopropyl ether	6.665	45	141158	23.239	ug/l	96
23) Vinyl Acetate	6.594	43	528904	118.904	ug/l	99
24) 1,1-Dichloroethane	6.565	63	79312	22.664	ug/l	99
25) 2-Butanone	7.483	43	150475	123.710	ug/l	100
26) 2,2-Dichloropropane	7.483	77	77312	23.990	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	48657	23.096	ug/l	98
28) Bromochloromethane	7.812	49	27780	18.851	ug/l	99
29) Tetrahydrofuran	7.841	42	83865	116.606	ug/l	99
30) Chloroform	7.959	83	87460	23.542	ug/l	90
31) Cyclohexane	8.253	56	73847	22.133	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	79170	23.176	ug/l	93
36) 1,1-Dichloropropene	8.365	75	57819	23.081	ug/l	99
37) Ethyl Acetate	7.559	43	54774	24.088	ug/l	97
38) Carbon Tetrachloride	8.359	117	66860	23.526	ug/l	99
39) Methylcyclohexane	9.600	83	68785	24.123	ug/l	97
40) Benzene	8.600	78	180938	23.997	ug/l	99

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41) Methacrylonitrile	7.777	41	31140	23.154	ug/l	98
42) 1,2-Dichloroethane	8.665	62	68226	24.216	ug/l	99
43) Isopropyl Acetate	8.688	43	97966	23.775	ug/l	98
44) Trichloroethene	9.353	130	40782	23.356	ug/l	96
45) 1,2-Dichloropropane	9.618	63	44560	24.451	ug/l	98
46) Dibromomethane	9.706	93	30954	24.250	ug/l	97
47) Bromodichloromethane	9.882	83	66147	23.945	ug/l #	94
48) Methyl methacrylate	9.677	41	46788	23.933	ug/l	98
49) 1,4-Dioxane	9.694	88	14984	465.914	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	270783	120.721	ug/l	97
52) Toluene	10.629	92	110278	23.911	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	65148	23.266	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	70696	24.035	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	40247	23.375	ug/l	96
56) Ethyl methacrylate	10.871	69	65086	24.569	ug/l	96
57) 1,3-Dichloropropane	11.159	76	70916	23.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	97384	102.024	ug/l	98
59) 2-Hexanone	11.194	43	210382	126.795	ug/l	98
60) Dibromochloromethane	11.359	129	45716	23.725	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40643	23.669	ug/l	98
64) Tetrachloroethene	11.106	164	34851	22.688	ug/l	93
65) Chlorobenzene	11.888	112	116122	22.620	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41153	23.124	ug/l	98
67) Ethyl Benzene	11.965	91	210713	23.106	ug/l	97
68) m/p-Xylenes	12.071	106	158230	46.734	ug/l	100
69) o-Xylene	12.400	106	76822	23.438	ug/l	99
70) Styrene	12.412	104	125129	23.262	ug/l	98
71) Bromoform	12.576	173	27805	23.185	ug/l #	99
73) Isopropylbenzene	12.694	105	198534	21.379	ug/l	100
74) N-amyl acetate	12.494	43	83761	21.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	55934	20.500	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	49535m	20.452	ug/l	
77) Bromobenzene	12.982	156	44670	19.984	ug/l	100
78) n-propylbenzene	13.035	91	229309	21.223	ug/l	99
79) 2-Chlorotoluene	13.123	91	147252	21.370	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	167379	21.379	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18748	20.274	ug/l #	80
82) 4-Chlorotoluene	13.223	91	143958	20.818	ug/l	99
83) tert-Butylbenzene	13.441	119	147261	21.499	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	167470	21.294	ug/l	100
85) sec-Butylbenzene	13.618	105	197117	21.699	ug/l	98
86) p-Isopropyltoluene	13.729	119	160758	21.110	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	84190	19.957	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82492	19.311	ug/l	99
89) n-Butylbenzene	14.059	91	140204	20.506	ug/l	99
90) Hexachloroethane	14.335	117	31578	20.629	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	83557	20.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11364	20.893	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	42008	19.228	ug/l	98
94) Hexachlorobutadiene	15.500	225	19047	20.528	ug/l	99
95) Naphthalene	15.641	128	128956	19.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40335	19.317	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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